

ABSTRACT OF THE DISCLOSURE

A light-receiving device array in which a plurality of light-receiving devices are one- or two-dimensionally arranged on a substrate, a scintillator layer is deposited on the light-receiving devices and provided with columnar crystals, and an organic film is formed over the scintillator layer and there outside region of the substrate and it intrudes into gaps among the top part of the columnar crystals to cover the scintillator layer.